

Title (en)  
CARBON-DIOXIDE CAPTURING MATERIAL, AND CARBON-DIOXIDE RECOVERY APPARATUS USING SAME

Title (de)  
KOHLENSTOFFDIOXIDABSCHIEDUNGSMATERIAL UND KOHLENSTOFFDIOXIDRÜCKGEWINNUNGSVORRICHTUNG DAMIT

Title (fr)  
MATÉRIAU DE CAPTURE DE DIOXYDE DE CARBONE ET APPAREIL DE RÉCUPÉRATION DE DIOXYDE DE CARBONE L'EMPLOYANT

Publication  
**EP 3106218 A4 20170906 (EN)**

Application  
**EP 14882666 A 20141015**

Priority

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- JP 2014077440 W 20141015

Abstract (en)  
[origin: US2016199808A1] Provided is a carbon dioxide capturing material that captures a large amount of carbon dioxide, less suffers from decrease in an amount of the captured carbon dioxide even after firing, and has excellent heat resistance. The carbon dioxide capturing material separates and recovers carbon dioxide from a carbon-dioxide-containing gas. The capturing material includes an oxide containing Ce and Al. The oxide contains Ce in a highest content among metal elements in the oxide and contains Al in a content of 0.01% by mole to 40% by mole.

IPC 8 full level  
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CPC (source: EP US)  
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Citation (search report)

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- [X] WO 2013108732 A1 20130725 - HITACHI LTD [JP]
- [A] WO 2013092560 A1 20130627 - RHODIA OPERATIONS [FR]
- [A] US 2004031730 A1 20040219 - GISLASON JASON J [US], et al
- See references of WO 2015122053A1

Designated contracting state (EPC)  
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